

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 2149A	SERIAL NO. 10/808,061	Confirmation No.
	APPLICANT Klimko et al.		
	FILING DATE March 24, 2004	GROUP NYA	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Z.F	AA	3,991,759	11/16/76	Urquhart	128	260	
Z.F	AB	4,131,651	12/26/78	Shah et al.	424	78	
Z.F	AC	4,370,325	01/25/83	Packman	424	245	
Z.F	AD	4,409,205	10/11/83	Shively	424	78	
Z.F	AE	4,744,980	05/17/88	Holly	424	78	
Z.F	AF	4,804,539	02/14/89	Guo et al.	424	450	
Z.F	AG	4,818,537	04/04/89	Guo	424	427	
Z.F	AH	4,883,658	11/28/89	Holly	424	80	
Z.F	AI	4,914,088	04/03/90	Glonek et al.	514	76	
Z.F	AJ	4,966,773	10/30/90	Gressel et al.	424	489	
Z.F	AK	5,041,434	08/20/91	Lubkin	514	182	

FOREIGN PATENT DOCUMENTS

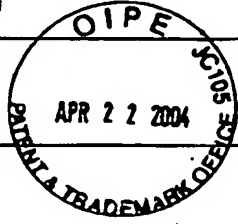
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Z.F	AL	JP10036289	02/10/98	Japan (abstract only)	—	—		
Z.F	AM	WO 95/31211	11/23/95	PCT	—	—		
Z.F	AN	WO 96/32105	10/17/96	PCT	—	—		
Z.F	AO	WO 98/35691	08/20/98	PCT	—	—		
Z.F	AP	WO 99/15183	04/01/99	PCT	—	—		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Z.F	AR	Adams, "Proteasome Inhibitors as Therapeutic Agents" Expert Opinion in Therapeutic Patients, Vol. 13(1), pp. 45-57 (2003)
Z.F	AS	Brignole et al., "Flow cytometric analysis of inflammatory markers in conjunctival epithelial cells of patients with dry eyes," Database Medline "Online! May 2000 (2000-05); Database accession no. NLM10798650 XP002215304 abstract & <i>Investigative Ophthalmology & Visual Science</i> . United States, May 2000, vol. 41(6) pages 1356-1363
Z.F	AT	Corey et al., "Total Synthesis and Biological Activity of Lactacystin, Omuralide and Analogs, <i>Chem. Pharm. Bull.</i> , Vol. 47, pp. 1-10 (1999)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 2149A	SERIAL NO. 10/808,061	Confirmation No. <div style="text-align: center;">  </div>	
		APPLICANT Klimko et al.			
		FILING DATE March 24, 2004	GROUP		

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Z. F	BA	5,075,104	12/24/91	Gressel et al.	424	78.04	
Z. F	BB	5,174,988	12/29/92	Mautone et al.	424	45	
Z. F	BC	5,278,151	01/11/94	Korb et al.	514	76	
Z. F	BD	5,290,572	03/01/94	MacKeen	424	602	
Z. F	BE	5,294,607	03/15/94	Glonek et al.	514	76	
Z. F	BF	5,371,108	12/06/94	Korb et al.	514	762	
Z. F	BG	5,403,841	04/04/95	Lang et al.	514	226.8	
Z. F	BH	5,578,586	11/26/96	Glonek et al.	514	76	
Z. F	BI	5,620,921	04/15/97	Sullivan	514	178	
Z. F	BJ	5,677,335	10/14/97	Robertson et al.	514	521	
Z. F	BK	5,696,166	12/09/97	Yanni et al.	514	573	

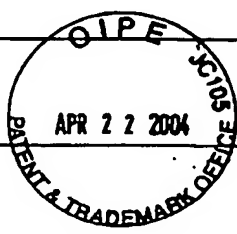
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
Z. F	BL	WO 99/22729	05/14/99	PCT	—	—		
Z. F	BM	WO 00/03705	01/27/00	PCT	—	—	X	
Z. F	BN	WO 00/43000	07/27/00	PCT	—	—		
Z. F	BO	WO 00/61168	10/19/00	PCT	—	—		
Z. F	BP	WO 00/64863	11/02/00	PCT	—	—		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
Z. F	BR	Dou, et al., "Pharmacological proteasome inhibitors and their therapeutic potential," <i>Exp. Opin. Ther. Patents</i> , Vol. 10(8); pp. 1263-1272 (2000).
Z. F	BS	Dou, et al., "Proteasome inhibitors as potential novel anticancer agents," <i>Drug Resistance Updates</i> , Vol. 2, pp. 215-223 (1999)
Z. F	BT	Elliott et al., "Proteasome inhibition: A novel mechanism to combat asthma," <i>J. Of Allergy and Clinical Immunology</i> , Vol. 104(2); pp. 294-300 August 1999

EXAMINER <i>Robert Foy</i>	DATE CONSIDERED <i>9/2/05</i>
----------------------------	-------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

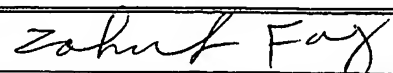
Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 2149A		SERIAL NO. 10/808,061		Confirmation No.	
		APPLICANT Klimko et al.					
		FILING DATE March 24, 2004				GROUP	



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2f	CA	5,800,807	09/01/98	Hu et al.	424	78.04	
2f	CB	5,958,912	09/28/99	Sullivan	514	177	
2f	CC	6,071,904	06/06/00	Ali et al.	514	222.8	
2f	CD	6,083,903	07/04/00	Adams et al.	514	2	
2f	CE	6,096,733	08/01/00	Lubkin	514	182	
2f	CF	6,107,289	08/22/00	Sullivan	514	178	
2f	CG	6,153,607	11/28/00	Pflugfelder et al.	514	178	
	CH						
	CI						
	CJ						
	CK						

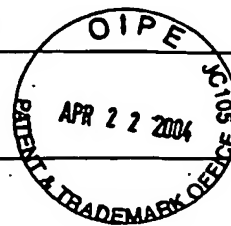
FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	CLASS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
2f	CR	Groettrup et al., "Selective proteasome inhibitors: modulators of antigen presentation?," <i>DDT</i> , Vol. 4(2), pp. 63-71 (1999)
2f	CS	Iqbal, et al., "Proteasone inhibitors," <u>High Throughput Screening for Novel Anti-Inflammatories</u> , edited by M. Kahn, pp. 19-34 (2000)
2f	CT	Kisselev, et al., "Proteasome inhibitors: from research tools to drug candidates," <i>Chemistry & Biology</i> , Vol. 8, pp. 739-758 (2001)

EXAMINER		DATE CONSIDERED	9/2/05
----------	---	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 2149A	SERIAL NO. 10/808,061	Confirmation No.
	APPLICANT Klimko et al.		
	FILING DATE March 24, 2004	GROUP	



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

FOREIGN PATENT DOCUMENTS

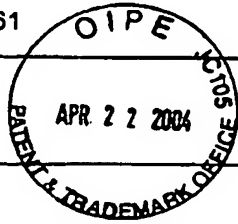
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

ZF	DR	Lee, et al., "Protease Inhibitors: valuable new tools for cell biologists," <i>Cell Biology</i> , Vol. 8, p. 397-403 (1998)
ZF	DS	Lemp et al., "Evaluation and differential diagnosis of keratoconjunctivitis sicca," Database Medline 'Online! December 2000 (2000-12); Database accession no. NLM11128698 XP002215303 abstract & <i>The Journal of Rheumatology</i> , Supplement. Canada Dec, 2000 (2000-12), pages 11-14
ZF	DT	Lemp, "Report of the National Eye Institute/Industry Workshop on Clinical Trials in Dry Eyes," <i>CLAO Journal</i> , Vol. 21(4), pp. 221-231 (1995)

EXAMINER <i>Zohar Fay</i>	DATE CONSIDERED 9/2/05
------------------------------	---------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 2149A	SERIAL NO. 10/808,061	Confirmation No.	
		APPLICANT Klimko et al.			
		FILING DATE March 24, 2004	GROUP		

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA						
	EB						
	EC						
	ED						
	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	EL							
	EM							
	EN							
	EO							
	EP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
Z.F.	ER	McCulley et al., "Tear Film Structure and Dry Eye," <i>Contactologia</i> Vol. 20, pp. 145-149 (1998)
Z.F.	ES	Marsh et al., "Topical Nonpreserved Methylprednisolone Therapy for Keratoconjunctivitis Sicca in Sjogren Syndrome," <i>Ophthalmology</i> , Vol. 106(4), pp. 811-816 (1999)
Z.F.	ET	Myung, et al., "The Ubiquitin-Proteasome Pathway and Proteasome Inhibitors," <i>Medicinal Research Reviews</i> , Vol. 21(4), pp. 245-273 (2001)

EXAMINER		DATE CONSIDERED	9/2/05
----------	---	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 2149A	SERIAL NO. 10/808,061	Confirmation No.	
		APPLICANT Klimko et al.			
		FILING DATE March 24, 2004		GROUP	

O I P E
 APR 22 2004
 PATENT & TRADEMARK OFFICE


U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	FA						
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
FL							
FM							
FN							
FO							
FP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
24F	FR	Shine et al., "Keratoconjunctivitis Sicca Associated with Meibomian Secretion Polar Lipid Abnormality," <i>Arch. Ophthalmol.</i> Vol. 116, pp. 849-852 (1998)
2F	FS	Soucy et al., "A Novel and Efficient Synthesis of a Highly Active Analogue of clasto-Lactacystin β -Lactone," <i>J. Am. Chem. Soc.</i> Vol. 121, pp. 9967-9976 (1999)
2F	FT	Tauber et al., "Lacrimal Gland, Tear Film and Dry Eye Syndromes," <i>J. Adv. Exp. Med. Biology</i> , Vol. 438, pp. (1998)

EXAMINER		DATE CONSIDERED	9/12/05
----------	--	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 2149A	SERIAL NO. 10/808,061	Confirmation No.			
		APPLICANT Klimko et al.					
		FILING DATE March 24, 2004	GROUP				
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	GA						
	GB						
	GC						
	GD						
	GE						
	GF						
	GG						
	GH						
	GI						
	GJ						
	GK						
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	GL						
	GM						
	GN						
	GO						
	GP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
2F	GR	Wang et al., "Suppression of NK-kappaB-dependent proinflammatory gene expression in human RPE cells by a proteasome inhibitor," <i>Investigative Ophthalmology & Visual Science</i> , Vol. 40(2), pp. 477-486 (1999)					
	GS						
	GT						

EXAMINER <i>Robert Fay</i>	DATE CONSIDERED <i>9/2/05</i>
----------------------------	-------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.